

LISTING OF CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Please cancel claims 19, 20 and 23 without prejudice or disclaimer of the subject matter set forth therein and amend claims 21, 22 and 24 as follows.

1. (Previously presented) Operation equipment for a vehicle comprising:
 - a display having a touch switch and a touch sensor for detecting an operation of a passenger or a driver of the vehicle;
 - an electronic control unit; and
 - a driving sensor for detecting the vehicle moving or stopping,
 - wherein the touch sensor is disposed on a screen of the display,
 - wherein the touch switch corresponding to a predetermined function is disposed on one side of the screen of the display,
 - wherein the electronic control unit determines that the predetermined function is allowed to perform when the driving sensor detects the vehicle stopping,
 - wherein the electronic control unit determines that the predetermined function is allowed to perform when the electronic control unit determines the operation of the passenger,
 - wherein the electronic control unit determines the operation of the passenger when the touch sensor detects a capacitance between the touch sensor and one of a finger and a hand in a case where the touch switch is disposed on a driver's side of the screen, and

wherein the electronic control unit determines the operation of the driver when the touch sensor detects a capacitance between the touch sensor and one of a finger and a hand in a case where the touch switch is disposed on a passenger's side of the screen.

2. (Previously presented) The equipment according to claim 1,

wherein the display further includes a plurality of touch switches, which correspond to predetermined functions, respectively, and

wherein the electronic control unit determines that part of the predetermined functions is prohibited to perform when the electronic control unit determines the operation of the driver and the driving sensor detects the vehicle moving.

3. (Previously presented) The equipment according to claim 2,

wherein the touch sensor detects an approach position of a hand or a finger when the driver or the passenger moves the hand or the finger closer to the display, and

wherein the touch switch detects a touch position of a finger when the driver or the passenger touches the display.

4. (Original) The equipment according to claim 3,

wherein the electronic control unit distinguishes the touch position from the approach position, and distinguishes the approach position of the hand from the approach position of the finger on the basis of a signal from the touch sensor.

5. (Original) The equipment according to claim 4,

wherein the vehicle is a right hand drive vehicle, and the touch switch is disposed on a right side of the display,

wherein the display is disposed between a passenger seat and a driver seat of the vehicle,

and

wherein the electronic control unit determines the operation of the passenger when the touch sensor detects the approach position of the hand.

6. (Original) The equipment according to claim 4,

wherein the vehicle is a left hand drive vehicle, and the touch switch is disposed on a left side of the display,

wherein the display is disposed between a passenger seat and a driver seat, and

wherein the electronic control unit determines the operation of the passenger when the touch sensor detects the approach position of the hand.

7. (Original) The equipment according to claim 4, further comprising:

a plurality of panel switches disposed outside of the display,

wherein the touch switches are disposed on a periphery of the display, and

wherein each panel switch corresponds to another predetermined function.

8. (Original) The equipment according to claim 4,

wherein the equipment provides a vehicle navigation system,

wherein the electronic control unit is a navigation electronic control unit,

wherein the driving sensor is a parking brake sensor, and

wherein the display displays at least a map of geography around the vehicle.

9. (Original) The equipment according to claim 3,

wherein the electronic control unit distinguishes the touch position from the approach position on the basis of a signal from the touch sensor,

wherein the vehicle is a right hand drive vehicle, and the touch switch is disposed on a right side of the display,

wherein the display is disposed between a passenger seat and a driver seat of the vehicle, and

wherein the electronic control unit determines the operation of the passenger when the touch sensor detects the approach position moving from a left side to the right side of the display.

10. (Original) The equipment according to claim 3,

wherein the electronic control unit distinguishes the touch position from the approach position on the basis of a signal from the touch sensor,

wherein the vehicle is a left hand drive vehicle, and the touch switch is disposed on a left side of the display,

wherein the display is disposed between a passenger seat and a driver seat of the vehicle,
and

wherein the electronic control unit determines the operation of the passenger when the
touch sensor detects the approach position moving from a right side to the left side of the display.

11. (Previously presented) The equipment according to claim 3,
wherein the electronic control unit distinguishes the touch position from the approach
position on the basis of a signal from the touch sensor,

wherein the touch sensor and the touch switch are capable of detecting the approach
position and the touch position simultaneously, and

wherein the electronic control unit determines the operation of the passenger when the
touch sensor and the touch switch simultaneously detect the approach position and the touch
position in a case where the touch switch is disposed on a driver's side.

12. (Previously presented) The equipment according to claim 11,
wherein the electronic control unit distinguishes the approach position of the hand from
the approach position of the finger on the basis of the signal from the touch sensor, and
wherein the electronic control unit determines the operation of the passenger when the
touch sensor and the touch switch simultaneously detect the approach position of the hand and
the touch position in a case where the touch switch is disposed on the driver's side.

13. (Previously presented) The equipment according to claim 3,
wherein the touch sensor includes a thin film and a plurality of current supplies,
wherein the thin film is capable of forming a capacitor having a capacitance between the
thin film and the hand or the finger in a case where the hand or the finger moves closer to the
display or touches the display,
wherein the current supplies supply currents to the thin film, and
wherein the touch sensor detects the approach position on the basis of the capacitance of
the capacitor calculated by the currents.

14. (Original) The equipment according to claim 13,
wherein the electronic control unit distinguishes the touch position from the approach
position on the basis of the currents.

15. (Original) The equipment according to claim 14,
wherein the electronic control unit distinguishes the approach position of the hand from
the approach position of the finger on the basis of the currents.

16. (Original) The equipment according to claim 3,
wherein the touch sensor includes a plurality of photo acceptance devices and light
emitting devices,
wherein the light emitting devices emit lights in a direction perpendicular to the display,
respectively, and

wherein the touch sensor detects the hand or the finger in such a manner that the photo acceptance devices detect reflected lights reflected by the hand or the finger, respectively.

17. (Original) The equipment according to claim 16,

wherein the electronic control unit distinguishes the touch position from the approach position on the basis of the reflected lights detected by the photo acceptance devices.

18. (Original) The equipment according to claim 17,

wherein the electronic control unit distinguishes the approach position of the hand from the approach position of the finger on the basis of the reflected lights.

19-20. (Canceled)

21. (Currently amended) Operation ~~The equipment according to claim 19, for a vehicle comprising:~~

a display having a touch switch and a touch sensor for detecting an operation of a passenger or a driver of the vehicle;

an electronic control unit; and

a driving sensor for detecting the vehicle moving or stopping,

wherein the touch sensor is disposed on a screen of the display,

wherein the touch switch corresponding to a predetermined function is disposed on the screen of the display.

wherein the electronic control unit determines that the predetermined function is allowed to perform when the driving sensor detects the vehicle stopping,

wherein the electronic control unit determines that the predetermined function is allowed to perform when the electronic control unit determines the operation of the passenger,

wherein the touch sensor detects an approach position of a hand or a finger when the driver or the passenger moves the hand or the finger closer to the display,

wherein the touch sensor detects a touch position of a finger when the driver or the passenger touches the display,

wherein the vehicle is a right hand drive vehicle, and the touch switch is disposed on a right side of the display,

wherein the display is disposed between a passenger seat and a driver seat of the vehicle, and

wherein the electronic control unit determines the operation of the passenger when the touch sensor detects the approach position of the hand.

22. (Currently amended) Operation ~~The equipment according to claim 19, for a vehicle comprising:~~

a display having a touch switch and a touch sensor for detecting an operation of a passenger or a driver of the vehicle;

an electronic control unit; and

a driving sensor for detecting the vehicle moving or stopping,

wherein the touch sensor is disposed on a screen of the display,

wherein the touch switch corresponding to a predetermined function is disposed on the screen of the display,

wherein the electronic control unit determines that the predetermined function is allowed to perform when the driving sensor detects the vehicle stopping,

wherein the electronic control unit determines that the predetermined function is allowed to perform when the electronic control unit determines the operation of the passenger, wherein the touch sensor detects an approach position of a hand or a finger when the driver or the passenger moves the hand or the finger closer to the display,

wherein the touch sensor detects a touch position of a finger when the driver or the passenger touches the display,

wherein the vehicle is a left hand drive vehicle, and the touch switch is disposed on a left side of the display,

wherein the display is disposed between a passenger seat and a driver seat, and wherein the electronic control unit determines the operation of the passenger when the touch sensor detects the approach position of the hand.

23. (Canceled)

24. (Currently amended) Operation ~~The equipment according to claim 19, for a vehicle comprising:~~

a display having a touch switch and a touch sensor for detecting an operation of a passenger or a driver of the vehicle;

an electronic control unit; and

a driving sensor for detecting the vehicle moving or stopping,

wherein the touch sensor is disposed on a screen of the display,

wherein the touch switch corresponding to a predetermined function is disposed on the

screen of the display,

wherein the electronic control unit determines that the predetermined function is

allowed to perform when the driving sensor detects the vehicle stopping,

wherein the electronic control unit determines that the predetermined function is

allowed to perform when the electronic control unit determines the operation of the passenger,

wherein the touch sensor detects an approach position of a hand or a finger when the

driver or the passenger moves the hand or the finger closer to the display,

wherein the touch sensor detects a touch position of a finger when the driver or the

passenger touches the display,

wherein the electronic control unit distinguishes the touch position from the approach position on the basis of a signal from the touch sensor,

wherein the touch sensor and the touch switch are capable of detecting the approach position and the touch position simultaneously, and

wherein the electronic control unit determines the operation of the passenger when the touch sensor and the touch switch simultaneously detect the approach position and the touch position in a case where the touch switch is disposed on a driver's side.

25. (Previously presented) The equipment according to claim 24,
wherein the electronic control unit distinguishes the approach position of the hand from
the approach position of the finger on the basis of the signal from the touch sensor, and
wherein the electronic control unit determines the operation of the passenger when the
touch sensor and the touch switch simultaneously detect the approach position of the hand and
the touch position in a case where the touch switch is disposed on the driver's side.